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Chapter 1 Main Technical Specifications of X-Ray Film Viewer

1.1 Normal work environment

Operating environment

- a) Temperature: + 15 C ~ + 40 C
- b) Relative humidity: $\leq 90\%$
- c) Atmospheric pressure: 86 kPa ~ 106kPa

Storage and Transfer

- a) Environment temperature: -20 °C ~ + 65 .C
- b) Relative humidity: $\leq 90\%$
- c) Atmospheric pressure: 50 kPa ~ 106 kPa

FULL SPECIFICATION OF X-RAY FILM VIEWER

Model	MFV-01
Dimensions	835 (P) x 545 (L) x 66 (H)
Screen Size	33 "inch (720mm (H) x440 (W) mm)
Power consumption	± 75 W
Backlight Type	High Lumination LED
Color Temperature	± 14.000 K
LED Lifespan	100,000 hours
Normal Working Voltage	AC 220~240V, 50 / 60Hz
Uniformity of Lumination	$\geq 90\%$
Suitable Film	Normal Simulation X-Ray Film, High Density Digital X-Ray Film, Molybdenum Target

Chapter 2 Safety Precautions

- 2.1 This tool is recommended for use by adults and children.
- 2.2 Read this manual carefully before operating the unit, and operate this appliance according to the operating regulations.
- 2.3 The unit needs to be cleaned after use with aerosol treatment.
- 2.4 Cleaning needs to be done once a day.
- 2.5 Do not be used for the anesthetic process and the use of viscous fluids.
- 2.6 Please turn off unit and disconnect the power supply before cleaning and wiping dry.
- 2.7 Do not use while bathing.
- 2.8 Turn off the unit first before recharging.
- 2.9 Keep the unit away from fire

Chapter 3 Maintenance Rules

- 3.1 Under normal conditions please use according to the Instructions for Use this unit, if this unit has some problems, please contact our customer service. The company maintains sales records and customer records for each unit that is guaranteed service for one year from the date of initial purchase depending on conditions and time of day.
- 3.2 Even during the free maintenance period, we charge for repairs for the following reasons:

3.2.1 Errors in use caused by operations outside the instructions for use that unit. (damaged due to impact, drop, or other fault; the unit does not work due to exposure to water or other faults)

3.2.2 Errors caused by falling when the user has left the purchase location.

3.2.3 Errors in preparation, reconstruction, decomposition and others outside of our company standards.

3.2.4 Damage caused by natural disasters, for example: fire, flood, earthquake and others.

3.2.5 Damage caused by drastic fluctuation of electric voltage or outside the standard voltage provisions that unit.

3.3 In the warranty period, free replacement of parts for one year. Except power cable, usage instructions and packing load.

3.4 Free maintenance service will be canceled if we find the seal is broken.

3.5 For maintenance costs outside the warranty period, our company recommends continuing to use the "Periodic Care Contact".

Chapter 4 Pay attention before operation

4.1 Read these instructions for use carefully before operating to be sure the unit can be used safely and effectively

4.2 Installation and maintenance of the appliance must be carried out following these instructions for use.

- 4.3 This unit must be placed on a flat surface. Place it in a bright place when moving it. Avoid strong vibrations and shaking.
- 4.4 AC frequency and voltage value must be in accordance with the requirements, and have sufficient current capacity.
- 4.5 Please put it down the unit is easily grounded.
- 4.6 Check all equipment, whether it is installed properly and correctly and in accordance with the place.

Chapter 5 Grounding and Electrical Connection to X-Ray Film Viewer

Grounding:

- 5.1 Connect ground and mains socket via a three-wire mains cable (three-wire plug). The three-wire plug must be inserted into the three-wire plug properly.
- 5.2 If a three-wire socket is not available, a qualified electrician must install one unit according to KONSUIL or AKLI regulations in Indonesia.
- 5.3 Under no circumstances do not remove the earth conductor from the electric steaker.
- 5.4 Do not use any type of extension cord or adapter. The power cord and steaker must be intact and undamaged.
- 5.5 Do not use pipelines and others as grounding.
- 5.6 Correct earthing can ensure safety and protect against interference from AC power and electromagnetic waves.

Electrical Connection to X-Ray Film Viewer:

5.7 Make sure the AC power supply is within specifications.

5.8 Connect the power / steaker cable from until to a properly grounded / grounded socket.

5.9 Make sure the power indicator light is on the unit turns on.

If the power cord is not properly connected before operating unit, there is a possibility that the unit may not work properly due to inefficient power input.

Chapter 6 X-Ray Film Viewer Operation

6.1 Make sure the switch is off

6.2 Connect the power cable to the mains socket

6.3 Turn on the switch to the On position

6.4 The unit will turn on

6.5 Place the x-ray film on the x-ray film viewer

6.6 Turn off the switch in the off position

6.7 Disconnect the power cable

Chapter 7 Troubleshooting for Disturbance to Users

No.	Problem	Solution
1	Totally dead	<ul style="list-style-type: none">• Check the power connection to the power source• Check the connection of the power cord socket with the Avometer• Check the fuse cable connection with the avometer

2	Does not work	<ul style="list-style-type: none"> • Check the power indicator light is on or not • Check the normal voltage
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Chapter 8 Care and Maintenance

- 8.1 Buyers are not permitted to open or unpack the inside unit. Any maintenance or renewal must be carried out by a trained and authorized professional from PT. Sinko Prima Alloy. Maintenance must be carried out with original components from PT. Sinko Prima Alloy.
- 8.2 Please pull out the power supply steaker when the power is about to be turned off. If This unit is not used for a long period of time, please pull the steaker power supply from the power source, then put this unit in a shady, cool and dry place.
- 8.3 The unit should be regularly maintained and cleaned.

Elitech cleaning method X-Ray Film Viewer as follows:

- a.) First of all the power cord must be disconnected from the power source.
- b.) Prepare a cloth filled with clean water without cleaning agents then rub it evenly throughout the unit.
- c.) Use a dry, clean cloth to dry, until the entire unit is completely dry and clean

X-RAY FILM VIEWER MFV-01

MANUAL BOOK

